

Pacific Gas and Electric Company  
Natural Gas Transmission Pipeline Excavation  
San Bruno, California  
Site: 1121 Glenview Dr., San Bruno, CA  
August 30, 2012

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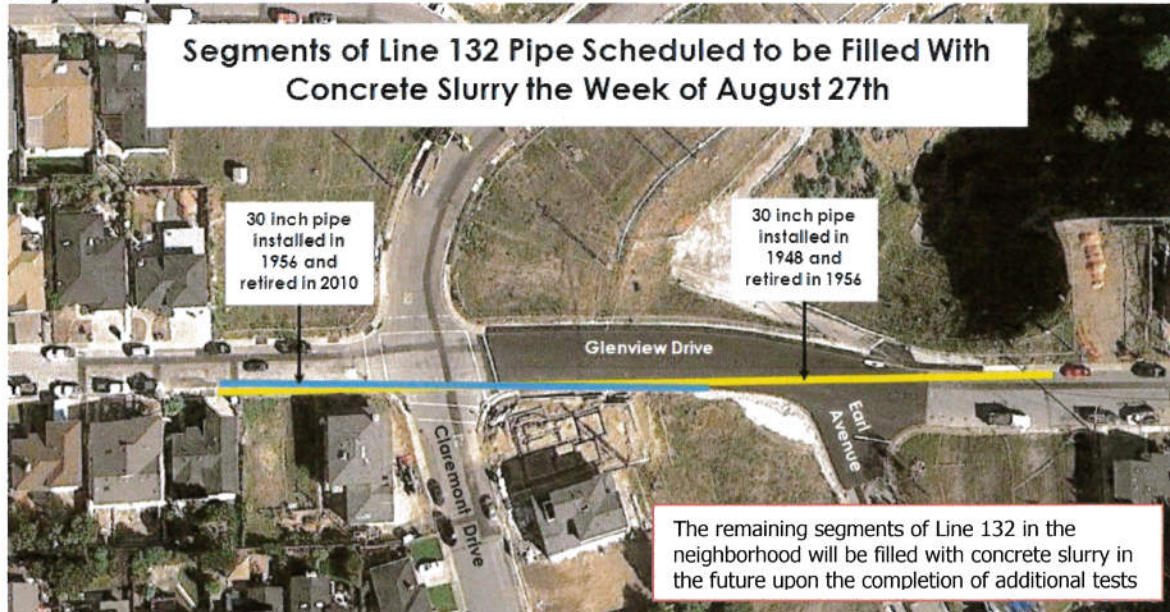
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Learn what to expect  
during gas pipeline work  
in your neighborhood.

### Project Map



### Air Scrubber Unit and Tent



### Filter Truck





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## Notice of gas construction work in your area

August 24, 2012

Dear Crestmoor resident:

Starting next week, Pacific Gas and Electric Company (PG&E) will begin to fill two sections of gas transmission pipeline Line 132 along Glenview Drive, between 1121 Glenview and Earl (see map on reverse). We are filling the pipeline with concrete slurry at the request of the City of San Bruno and following community consensus.

### Environmental safety

We have carefully considered the environmental impacts of this work to ensure it is safe. We have tested the inside of the pipe, as well as the pipe material itself, and determined that these sections of pipe do not contain any materials that would pose a risk to human health or the environment. We are currently taking samples of pipe in other parts of the neighborhood before proceeding with work there. We will keep the City and community updated on the timeline to complete testing and slurry filling the other sections of pipe in the near future. In addition, based upon community input, we will be performing additional testing of the soils surrounding these pipes in the near future. These test results will be shared with the City of San Bruno and the community.

### What to expect

The two short sections of pipe to be filled are shown on the reverse map. Neither section of pipeline contains natural gas. However, **there is a chance of gas odor release from this work.** Any odor is a result of residual material in the pipe and not from natural gas running through the pipe, and does not present any health risk to workers or residents. We are taking steps to mitigate any odor that may escape the pipe. You will see vacuum trucks and portable tents at the work locations that capture and filter the air to remove any odor. There are photos of the equipment we will use to mitigate odor on the reverse.

Starting the week of August 27th, you will see PG&E and contractor trucks and crews in your neighborhood to begin the following work. The construction at this location will take approximately 5 days and cause other minor disruptions, such as noise and crews accessing some properties.

- Work Locations:
  - 10' x 10' access hole in street area off face of curb at 1121 Glenview Dr
- Description of Work:
  - Excavate and expose the northern end of the pipe at 1121 Glenview Drive. Previous work at this location included removing a section for sampling, capping the end of the pipe and attaching external valves
  - **Fill both sections of pipe that run south from 1121 Glenview**
  - Restore excavation sites

Please note there will be an increased presence of cement trucks delivering slurry that will cause traffic disruptions. Our crews will work as quickly and safely as possible to complete this work. We do not anticipate any service disruptions as a result of this project.

If you have any questions about this work, please call me at 415-973-0308.

Thank you for your patience and understanding,

Sincerely,

David Gutierrez  
Pacific Gas and Electric Company



## Intro Summary

On August 30, 2012 PG&E Project began the continuation of their project involving the abandonment of the 1948 and 1956 Natural Gas Pipelines, whose worksite address is 1121 Glenview Drive. This is the residential neighborhood that was directly involved in the September 2010 gas line explosion. I was asked to observe the work being completed by PG&E with specific attention paid to the safety and sensitivity of the residents. The main focus of the project is to abandon the 1948 and 1956 PG&E Natural Gas Pipeline using all measures of standard procedures, which include filling the pipeline from 1121 Glenview Drive and Earl Streets with concrete slurry, as well as considering all environmental impacts to ensure community safety.

The following report details the daily procedure that was conducted by PG&E, and third party subcontractors, [PSC](#), [Ashtead Technology](#), and [ARB](#) during this process.

## 1. Factual Log

### 1.1 Daily Log of Activity

#### Overview of PG&E Work Activity On August 30, 2012

- At precisely 7:00 a.m. a Tailgate Safety meeting was conducting where the entire procedure of the operation was reviewed.
- At 7:35 a.m. ARB began staging the equipment while PSC set up the truck and filter unit accordingly.



- Traffic control assembled a street closer and Ashtead technology set up CGI'S.
- At 7:45 a.m. ARB pulled the manholes for the 1948 and 1956 pipelines.

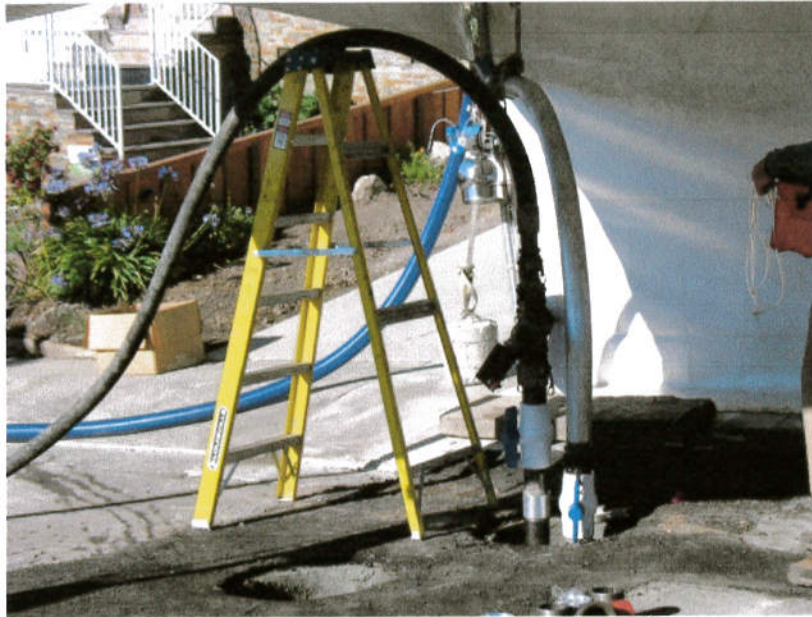


- At 8:42 a.m. the caps to Line 1948 were opened and fittings were installed to pour.



- At 907 a.m. pumping commenced on Line 1948 with 110 PCF grout.





- Ashtead Technology continued to monitor readings for gas.



- At 12:30 p.m. Line 1948 was completed at 91.6 yards with 25 barrels of condensate removed.



- 500 feet of pipeline was filled with 110 PCF grout.
- At 12:35 p.m. the pumping of grout into Line 1956 commenced.



- The PSC suction truck started having technical difficulties and had to be shut down which delayed pumping. Pumping did not resume until 1:00 p.m.
- Ashtead continued monitoring for gas at intervals of 2-15 minutes on the filter unit.





- The pipeline and the four cylinders were connected to the tent. At 2:30 p.m. pumping stopped due to a build up of pressure. The pressure of the line was bled into the suction truck and pumping resumed.
- At 3:06 p.m. the 1956 pipeline was completed with 55 yards of 110 PCF grout.



- At 3:24 p.m. both pipelines were topped with grout and after completion they were capped. The worksite was then cleaned of all debris and the project was completed.



## 1.2 Photo Log



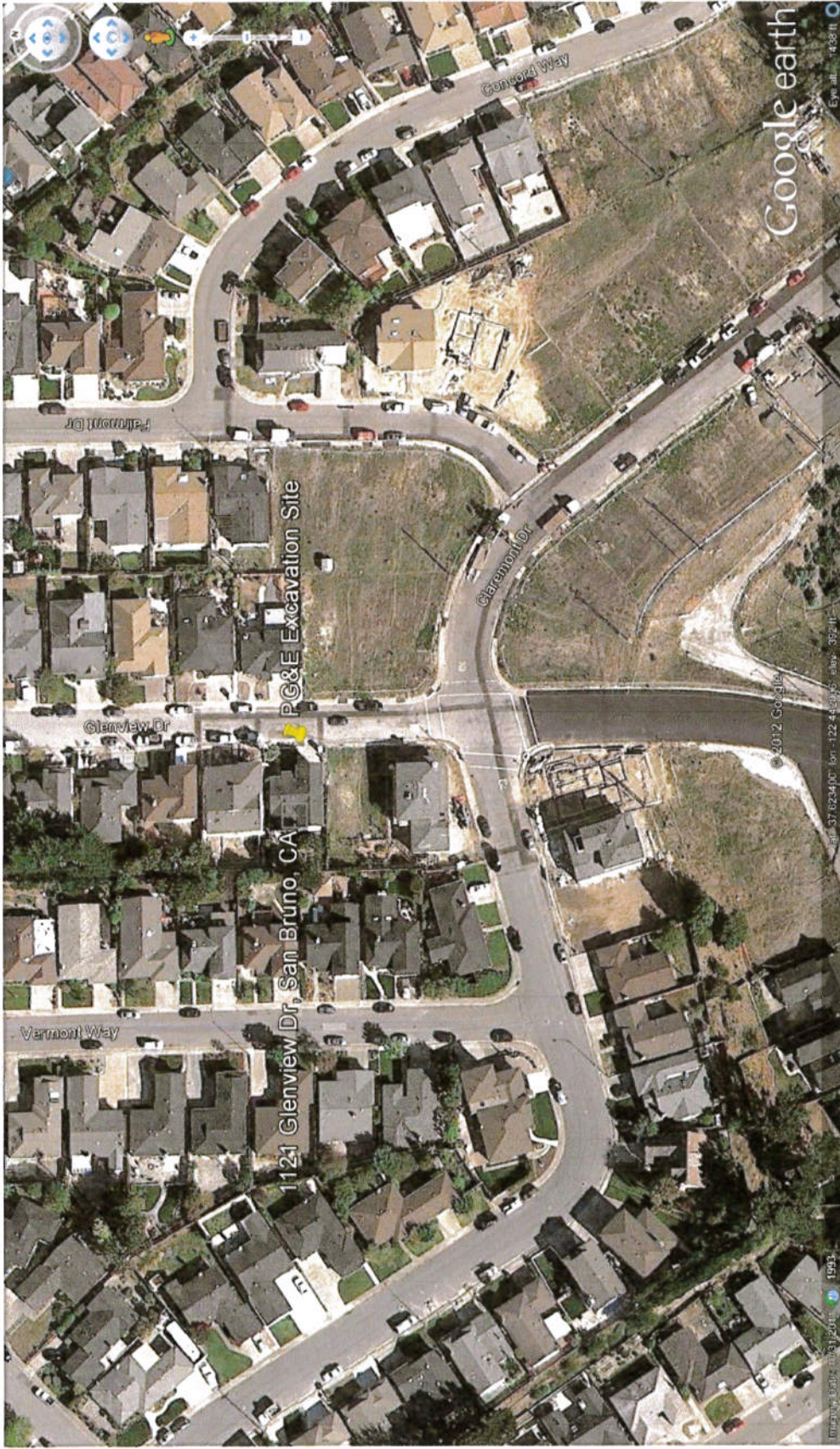






Photo Log 001





Photo Log 005





Photo 014





Photo 017





Photo 029





Photo 044





Photo 046





Photo 053





Photo 060





Photo 061